

# SEARCH REQUEST FORM

Scientific and Technical Information Center

(50)

Requester's Full Name: Seem Rao Examiner #: 2547 Date: 5/22/02  
Art Unit: 2661 Phone Number 30 \_\_\_\_\_ Serial Number: \_\_\_\_\_  
Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.  
\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

BEST AVAILABLE COPY

\*\*\*\*\*

STAFF USE ONLY	Type of Search	Vendors and cost where applicable
Searcher: <u>KEJ</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>205 4071</u>	AA Sequence (#) _____	Dialog <u>#1171</u>
Searcher Location: _____	Structure (#) _____	Questel/Orbit <u>1 \$14.76</u>
Date Searcher Picked Up: <u>5/22/02</u>	Bibliographic <u>X</u>	Dr.Link _____
Date Completed: <u>5/22/02</u>	Fulltext _____	Lexis/Nexis <u>1</u>
Searcher Prep & Review Time: _____	Patent Family _____	Sequence Systems _____
Clerical Prep Time: _____	Other _____	WWW/Internet _____
Online Time: <u>15</u>		Other (specify) _____

Query/Command : prt max legalall

---

*1 / 1 PLUSPAT - ©QUESTEL-ORBIT*

PN - US6009214 A 19991228 [US6009214]  
TI - (A) Multi-resolution color contact-type image sensing apparatus  
PA - (A) HEWLETT PACKARD CO (US)  
IN - (A) SUGGS BRADLEY (US)  
AP - US95906297 19971028 [1997US-0959062]  
PR - US95906297 19971028 [1997US-0959062]  
IC - (A) G06K-007/00  
EC - G06K-007/10S8B2  
G06K-007/12  
PCL - ORIGINAL (O) : 382312000; CROSS-REFERENCE (X) : 348302000  
DT - Basic  
CT - US4204230; US4725889; US4782399; US4853785; US5264939  
STG - (A) United States patent  
AB - A multi-resolution color contact-type image sensing apparatus whereby a color image of an original can be obtained with a particular resolution, depending upon the size of the original image. A first array of photosensor segments with a base resolution is arranged with at least one other array of photosensor segments having a greater-than-base resolution. All such photosensor segments might aligned in a single linear array, with at least one portion of segments having a greater-than-base resolution. A resulting image with at least the base resolution could be created depending upon the size of the original in relation to the placement and width of the greater-than-base resolution segments. A plurality of linear arrays might also be used, with each successive array having a greater resolution than the previous array. Moreover, the arrays might be arranged in parallel with each successive array being narrower in width than the previous. Each linear array could be operated independently or in conjunction with the other linear arrays to produce multi-resolution resulting images. The resolution could be manually or automatically selected.

---

*1 / 1 LGST - ©LEGSTAT*

PN - US 6009214 [US6009214]  
AP - US 959062/97 19971028 [1997US-0959062]  
DT - US-P  
ACT - 19971028 US/AE-A  
APPLICATION DATA (PATENT)  
US 959062/97 19971028 [1997US-0959062]  
  
19991228 US/A  
PATENT  
  
20020312 US/RF  
REISSUE APPLICATION FILED  
20011127  
UP - 2002-12

---

1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,009,214 A 19991228 [US6009214]  
PA - Hewlett-Packard Co  
ACT - 20010116 REASSIGNED  
MERGER

Assignor: HEWLETT-PACKARD COMPANY DATE SIGNED: 05/20/1998

Assignee: HEWLETT-PACKARD COMPANY INTELLECTUAL PROPERTY  
ADMINISTRATION P.O. BOX 272400 FORT COLLINS, COLORADO 80527-240

Reel 011523/Frame 0469

Contact: HEWLETT-PACKARD COMPANY VALERIE BAKES INTELLECTUAL  
PROPERTY ADMINISTRATION P.O. BOX 272400 FORT COLLINS, CO 80527-2400

20011127 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020312  
REISSUE REQUEST NUMBER: 09/996967  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2724

Reissue Patent Number:

---

1 / 1 PAST - ©Thomson Derwent

AN - 200211-001657  
PN - 6009214 A [US6009214]  
OG - 2002-03-12  
ACT - REISSUE APPLICATION FILED

LEVEL 1 - 1 OF 2 PATENTS

6,365,886

<=2> GET 1st DRAWING SHEET OF 10

April 2, 2002

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: ALL**

Smart column controls for high speed multi-resolution  
sensors

CORE TERMS: pixel, column, sensor, array, readout, register, decoder, linear,  
color, dpi...

LEVEL 1 - 2 OF 2 PATENTS

6,009,214

<=2> GET 1st DRAWING SHEET OF 3

Dec. 28, 1999

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: ALL**

Multi-resolution color contact-type image sensing apparatus

REISSUE: Reissue Application filed Nov. 27, 2001 (O.G. Mar. 12, 2002) Ex. Gp.:  
2724; Re. S.N. 09/996,967

CORE TERMS: segment, photosensor, pixel, array, photosensitive, density,  
sensor, scanning, width, peripheral...

6,009,214 OR 6009214

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: CASES**

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

Copyright 2001 St. Louis Post-Dispatch, Inc.  
St. Louis Post-Dispatch

July 29, 2001 Sunday Five Star Lift Edition

**LEXIS-NEXIS**  
**Library: NEWS**  
**File: CURNWS**

SECTION: BUSINESS; Pg. C9

HEADLINE: (GRAPHIC ONLY) 50 HIGHEST-PAID EXECUTIVES IN ST. LOUIS

GRAPHIC:

... Corp.  
\$6,161,913 \$0 \$6,161,913;15. Marc S. Hermelin Vice chairman, CEO KV  
Pharmaceutical Co. \$3,896,764 \$2,112,450 \$ 6,009,214; 16. Bradley B. Buechler  
Chairman, president, CEO Spartech Corp.  
\$5,606,003 \$0 \$5,606,003;17. John J. Klobnak ...



Copyright 2001 St. Louis Post-Dispatch, Inc.  
St. Louis Post-Dispatch

July 29, 2001 Sunday Five Star Lift Edition

**LEXIS-NEXIS**  
**Library: NEWS**  
**File: CURNWS**

SECTION: BUSINESS; Pg. C10

HEADLINE: (GRAPHIC ONLY) WHAT PUBLICLY TRADED ST. LOUIS COMPANIES PAY THEIR CEOS

GRAPHIC:

... Inc. \$6,948,058 \$2,915,000 \$4,033,058 \$650,000 \$886,500 19.3% \$0 \$0; ;  
\$2,320,000; 7. Marc S. Hermelin KV Pharmaceutical Co. \$ 6,009,214 \$2,112,450  
\$3,896,764 \$847,984 \$1,103,000 2.5% \$1,764,040 \$0 \$0;  
8. Bradley B. Buechler Spartech Corp. \$5,606,003 \$0\$5,606,003  
\$637,019 \$ ...

Copyright 2001 St. Louis Post-Dispatch, Inc.  
St. Louis Post-Dispatch

July 29, 2001 Sunday Five Star Lift Edition

**LEXIS-NEXIS**  
**Library: NEWS**  
**File: CURNWS**

SECTION: BUSINESS; Pg. C9

HEADLINE: (GRAPHIC ONLY) 50 HIGHEST-PAID EXECUTIVES IN ST. LOUIS

GRAPHIC:

... CEO; Company: KV Pharmaceutical Co.; Cash pay: \$3,896,764; New options  
value(1): \$2,112,450; All pay: \$ 6,009,214; ; Rank: 16.; Name: Bradley B.  
Buechler; Title: Chairman, president, CEO; Company: Spartech Corp.; Cash pay: \$  
...

Copyright 2001 St. Louis Post-Dispatch, Inc.  
St. Louis Post-Dispatch

July 29, 2001 Sunday Five Star Lift Edition

**LEXIS-NEXIS**  
**Library: NEWS**  
**File: CURNWS**

SECTION: BUSINESS; Pg. C10

HEADLINE: (GRAPHIC ONLY) WHAT PUBLICLY TRADED ST. LOUIS COMPANIES PAY THEIR CEOS

GRAPHIC:

... stock (3): \$2,320,000; ; Rank: 7.; Name: Marc S. Hermelin; Company: KV  
Pharmaceutical Co.; All pay: \$ 6,009,214; New Options value (1): \$2,112,450;  
Cash pay: \$3,896,764; Breakdown of cash pay:; Salary: \$847,984; Bonus:  
\$1,103,000; ...

3/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
(c) 2002 EPO. All rts. reserv.

15653984

Basic Patent (No,Kind,Date): US 6009214 A 19991228 <No. of Patents: 001>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
US 6009214	A	19991228	US 959062	A	19971028 (BASIC)

Priority Data (No,Kind,Date):

US 959062 A 19971028

PATENT FAMILY:

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 6009214 A 19991228

MULTI-RESOLUTION COLOR CONTACT-TYPE IMAGE SENSING APPARATUS (English)

Patent Assignee: HEWLETT PACKARD CO (US)

Author (Inventor): SUGGS BRADLEY (US)

Priority (No,Kind,Date): US 959062 A 19971028

Applic (No,Kind,Date): US 959062 A 19971028

National Class: \* 382312000; 348302000

IPC: \* G06K-007/00

Derwent WPI Acc No: \* G 00-086274; G 00-086274

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 6009214	P	19971028	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 959062 A	19971028
US 6009214	P	19991228	US A	PATENT
US 6009214	P	20020312	US RF	REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)	
			20011127	

?